AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) An apparatus comprising:

an antenna;

an ~~AlGaN~~ amplifier unit connected to the antenna, wherein the amplifier unit includes a first amplifier and second amplifier, wherein the first amplifier and the second amplifier each include a source, a drain, and a gate, respectively, wherein the gate of the first amplifier and the gate of the second amplifier are connected to a common gate connection, wherein the drain of the first amplifier and the drain of the second amplifier are connected to a common drain connection, and wherein the drain of the first amplifier is connected to the gate of the second amplifier ~~a plurality of AlGaN amplifiers connected such that each amplifier has a common drain connection and a common gate connection;~~

a first switch that connects a transmit path of the antenna to the amplifier unit;

a second switch that connects a receive path of the antenna to the amplifier unit; and

a switch controller that is programmed to adjust positions of the first and second switches so that the amplifier unit is connected to the transmit or receive path of the antenna after a predetermined amount of time has elapsed since a prior adjustment.

2. (Currently Amended) The apparatus of claim 1, wherein the first switch has an output connected to the amplifier unit, a first input connected to the receive path and a second input connected to the transmit path.

3. (Previously Presented) The apparatus of claim 2, wherein the second switch has a first switch position connecting a signal for transmission to the antenna, and a second switch position connecting the receive path to the antenna.

4. (Currently Amended) The apparatus of claim 3, wherein the switch controller controls the first and second switches to selectively connect the antenna to the amplifier unit for amplification of a received signal and the amplifier unit to the antenna for amplification of a signal for transmission.

5. (Currently Amended) The apparatus of claim 1, wherein the ~~AlGaN~~ amplifier unit comprises ~~three AlGaN amplifiers.~~ a third amplifier including a source, a drain, and a gate, wherein the gate of the third amplifier is connected to the common gate connection, wherein the drain of the third amplifier is connected to the common drain connection, and wherein the drain of the second amplifier is connected to the gate of the third amplifier.

6. (Currently Amended) The apparatus of claim [[5,]] 1, wherein the ~~AlGaN~~ amplifiers are wide band gap high electron mobility transistors.

7. (Currently Amended) The apparatus of claim [[5,]] 1, wherein the ~~AlGaN~~ amplifiers are monolithic microwave integrated circuits.

8. (Currently Amended) A method for transmission and reception of signals using a transceiver that includes an antenna, first and second switches, and an ~~AlGaN~~ amplifier unit, ~~that includes a plurality of AlGaN amplifiers connected such that each amplifier has a common drain connection and a common source connection,~~ the method comprising:

setting the first switch to a first position, the first position ~~connects~~ connecting a signal for transmission to the amplifier unit;

setting the second switch to a first position, the first position ~~connects~~ connecting the amplified signal for transmission to the antenna;

setting the second switch, after a predetermined amount of time, to a second position, the second position ~~connects~~ connecting a signal received from the antenna to a receive path of the transceiver; and

setting the first switch, after the predetermined amount of time, to a second position, the second position connecting the receive path to the amplifier unit.

9. (Original) The method of claim 8, wherein when the second switch is in the second position the amplified signal from the receive path is connected to receiver circuitry.

10. (New) The method of claim 8, wherein the amplifier unit includes a first amplifier and second amplifier, wherein the first amplifier and the second amplifier

each include a source, a drain, and a gate, respectively, wherein the gate of the first amplifier and the gate of the second amplifier are connected to a common gate connection, wherein the drain of the first amplifier and the drain of the second amplifier are connected to a common drain connection, and wherein the drain of the first amplifier is connected to the gate of the second amplifier.

11. (New) The method of claim 8, wherein the amplifier unit is an AlGaN amplifier unit.

12. (New) An apparatus comprising:

an antenna;

an amplifier connected to the antenna;

a transmit path, connected to the amplifier, which provides a signal for amplification to the amplifier; and

a receive path, connected to the amplifier, which receives an amplified signal from the amplifier.

13. (New) The apparatus of claim 12, comprising:

a switch with an output connected to the amplifier, a first input connected to the receive path and a second input connected to the transmit path.

14. (New) The apparatus of claim 13, comprising:

a second switch, wherein the second switch has a first switch position connecting a signal for transmission to the antenna, and a second switch position connecting the receive path to the antenna.

15. (New) The apparatus of claim 14, comprising:

a switch controller which controls the first and second switches to selectively connect the antenna to the amplifier for amplification of a received signal and the amplifier to the antenna for amplification of a signal for transmission.

16. (New) The apparatus of claim 12, wherein the amplifier is an AlGaN amplifier.

17. (New) The apparatus of claim 1, wherein the amplifier is an AlGaN amplifier unit.